

U.S.S.N.: Title: Not Yet Assigned

Title:

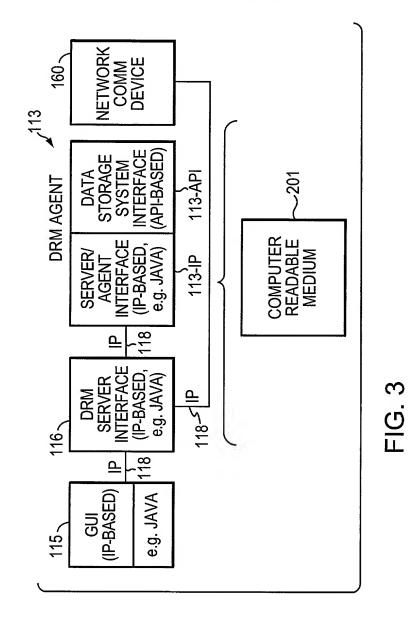
Network Management for Replication of Data Stored in a Data
Storage Environment

Filing Date:

December 11, 2001 / Docket No.: EMC-01-201

Attorney:
Robert Kevin Perkins, Esq. (Reg. No. 36,634)

Express Mail Mailing Label No. ET832199134US



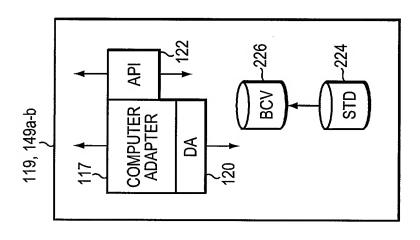


FIG. 2

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Network Management for Replication of Data Stored in a Data

Storage Environment

Filing Date: Attorney: December 11, 2001 / Docket No.: EMC-01-201 Robert Kevin Perkins, Esq. (Reg. No. 36,634)

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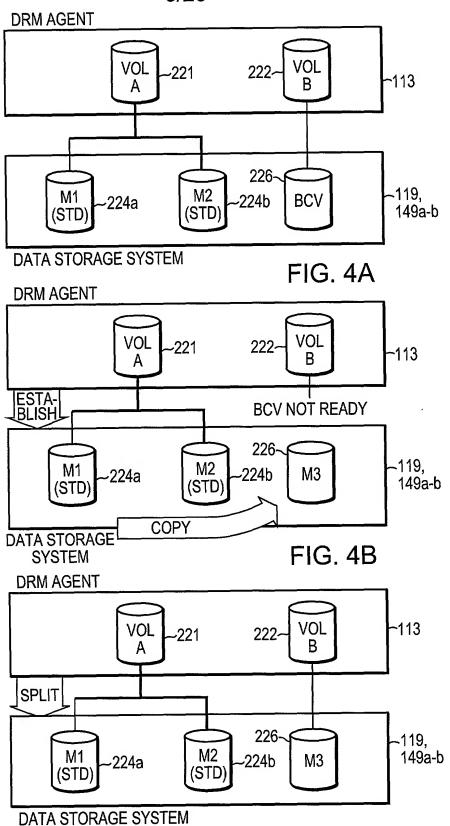


FIG. 4C

U.S.S.N.:

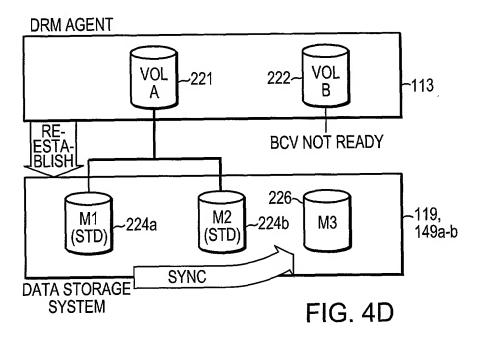
Not Yet Assigned Network Management for Replication of Data Stored in a Data Title:

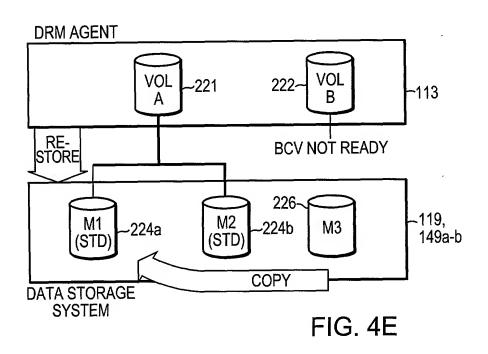
Storage Environment

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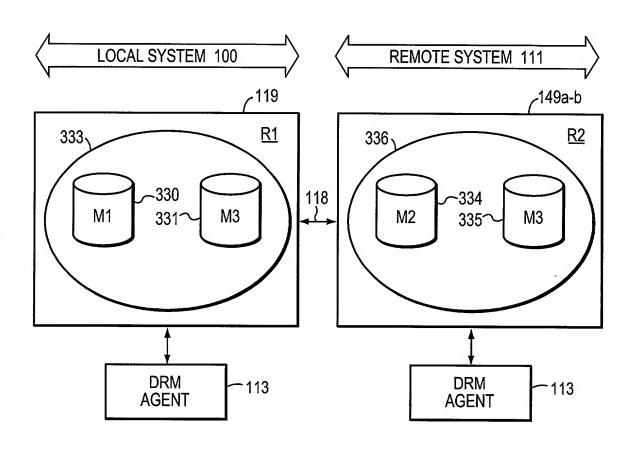


FIG. 5

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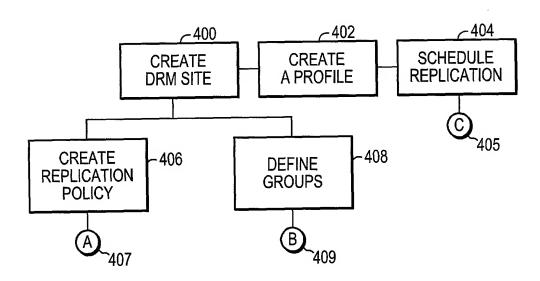


FIG. 6

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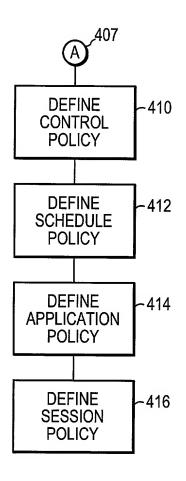


FIG. 7

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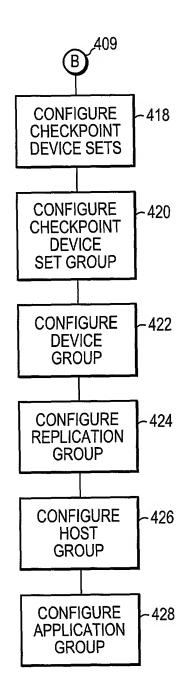


FIG. 8

U.S.S.N.: Not Yet Assigned

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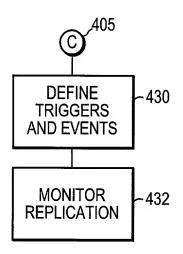
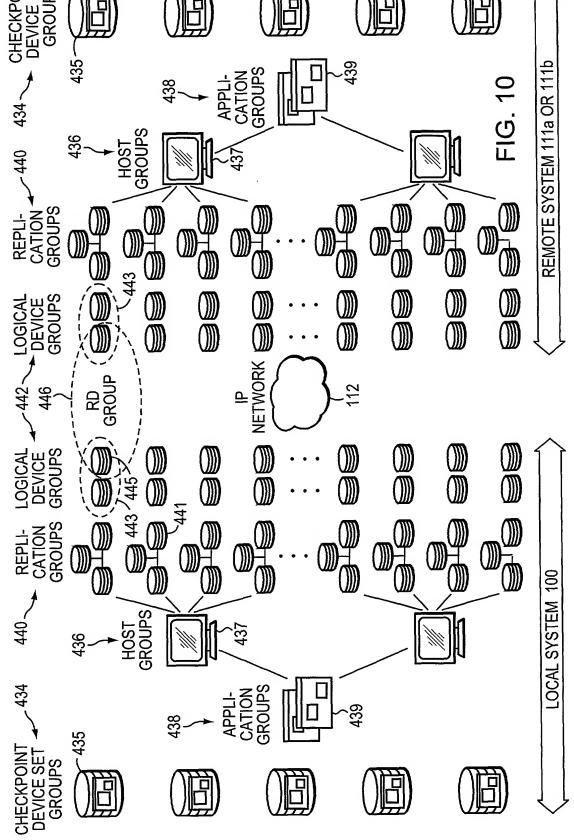


FIG. 9

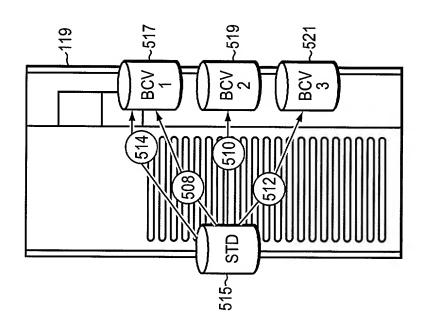
U.S.S.N.: Not Yet Assigned Network Management for Replication of Data Stored in a Data Title: Storage Environment Filing Date: December 11, 2001 / Docket No.: EMC-01-201 Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634) Express Mail Mailing Label No. ET832199134US 10/23 DEVICE SET GROUPS CHECKPOINT 435 REMOTE SYSTEM 111a OR 111b 434 GROUP CATION GROUPS 443 LOGICAL DEVICE GROUPS $\bar{\mathbb{Q}}$ NETWORK RD GROUP 112 446 ≗ LOGICAL DEVICE GROUPS $\bar{\mathbb{O}}$ CATION GROUPS 0100 440~ HOST



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Network Management for Replication of Data Stored in a Data
Storage Environment

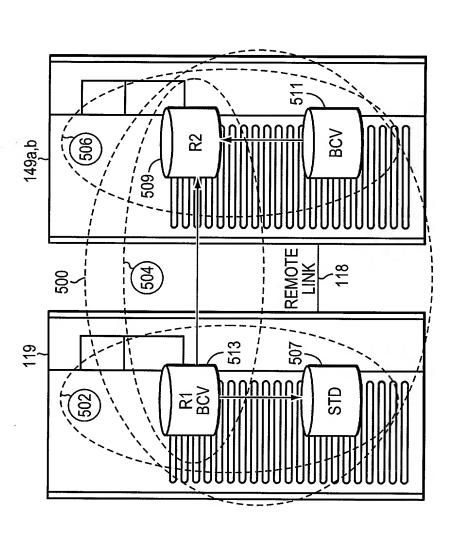
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11/23



CHECKPOINT DEVICE SET GROUP

FIG. 12



REPLICATION GROUP FIG. 11

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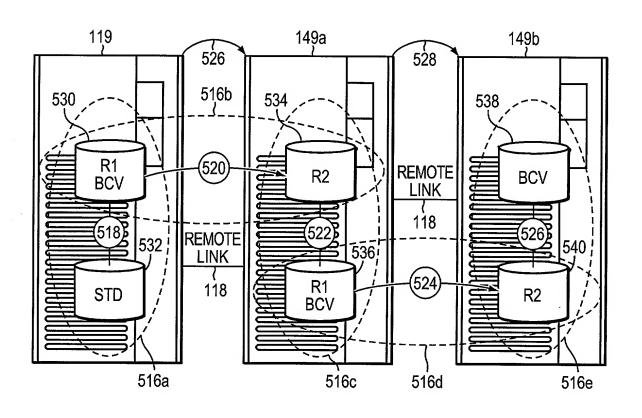


FIG. 13

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Network Management for Replication of Data Stored in a Data

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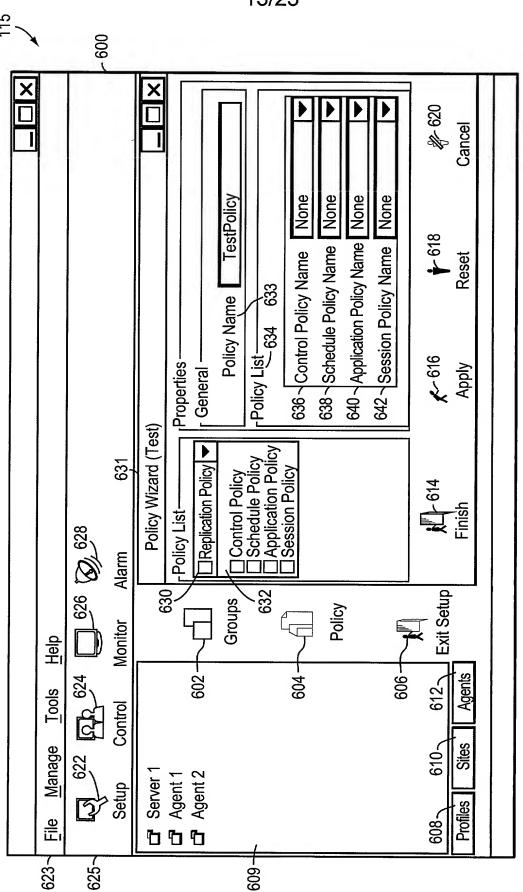


FIG. 14A

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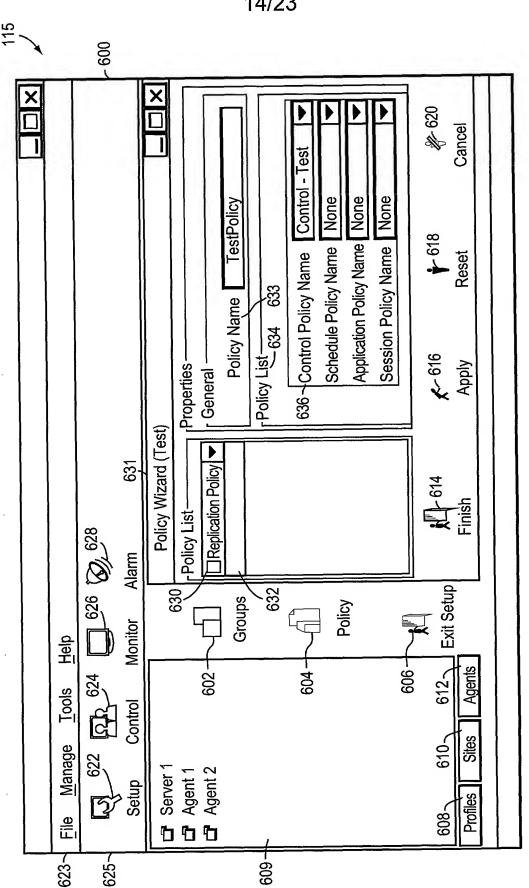
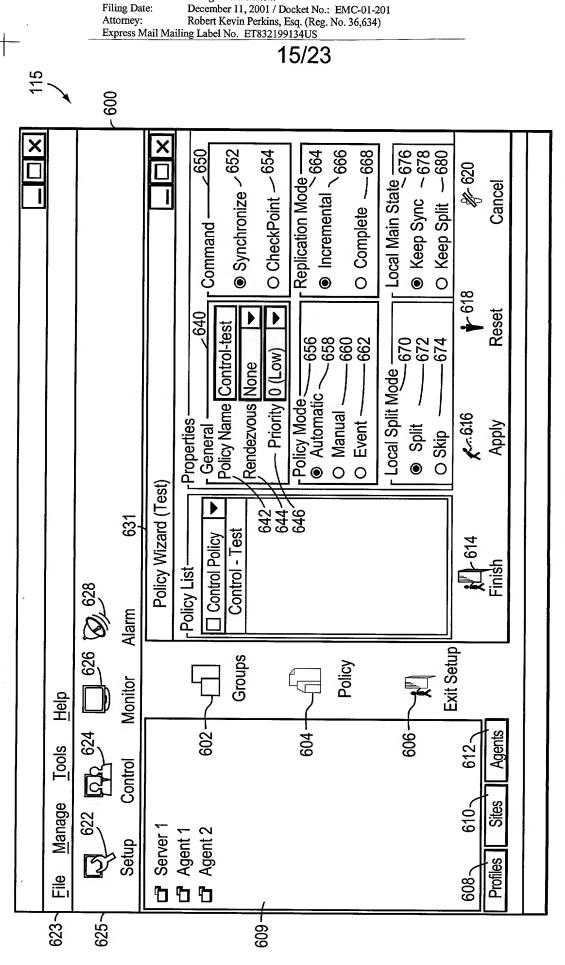


FIG. 14B



U.S.S.N.:

Title:

Not Yet Assigned

Storage Environment

Network Management for Replication of Data Stored in a Data

FIG. 14C

U.S.S.N.: Not Yet Assigned Title: Network Management for Replication of Data Stored in a Data

Storage Environment

Filing Date: December 11, 2001 / Docket No.: EMC-01-201 Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634) Express Mail Mailing Label No. ET832199134US

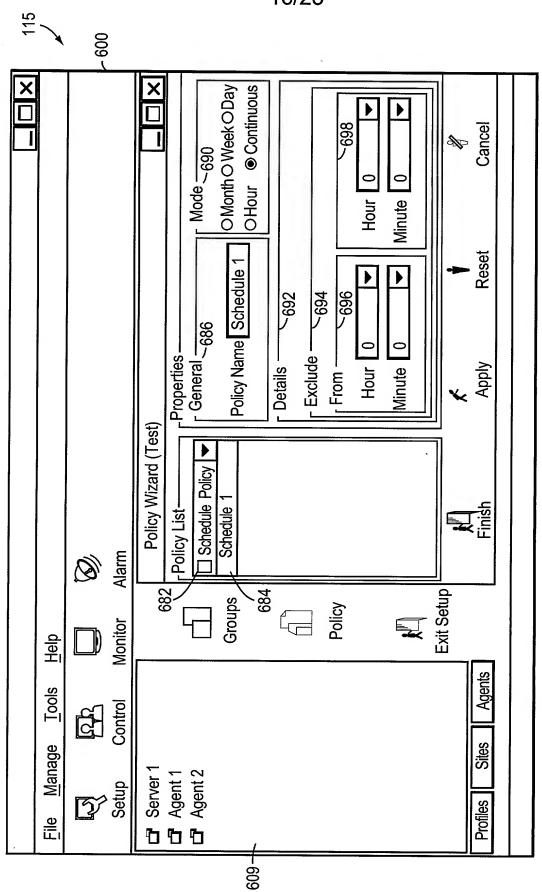
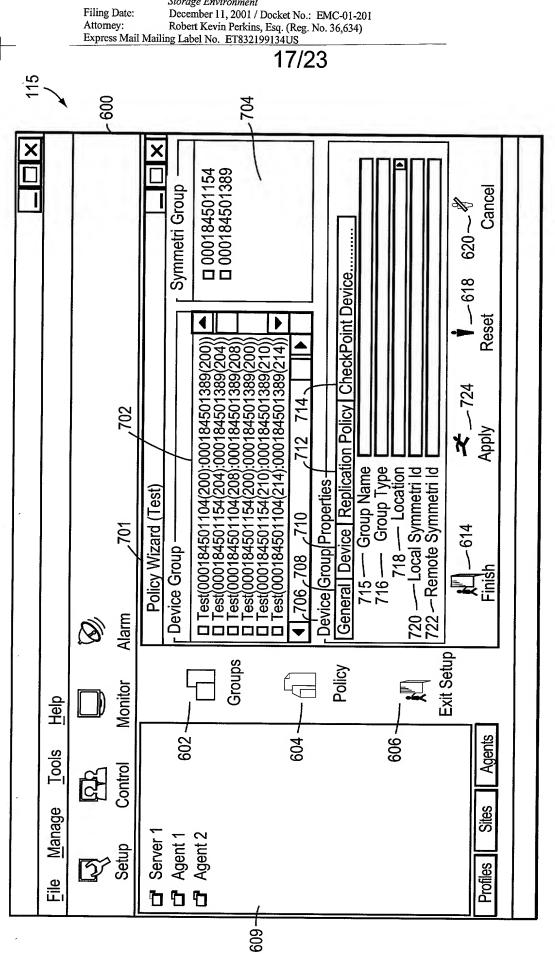


FIG. 14D

U.S.S.N.:

Title:



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Network Management for Replication of Data Stored in a Data

Storage Environment

FIG. 14E

Not Yet Assigned
Network Management for Replication of Data Stored in a Data

Storage Environment

Filing Date: December 11, 2001 / Docket No.: EMC-01-201 Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
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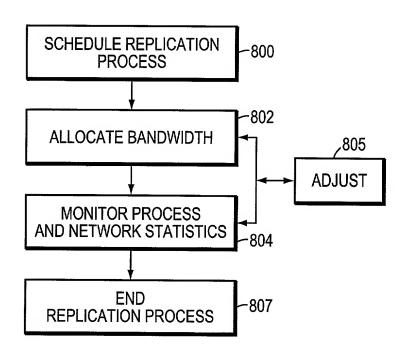


FIG. 15

Not Yet Assigned

Network Management for Replication of Data Stored in a Data

Filing Date:

Storage Environment
December 11, 2001 / Docket No.: EMC-01-201

Attomey: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. ET832199134US

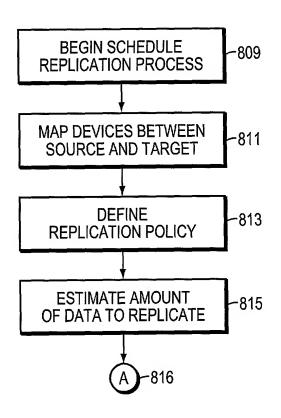


FIG. 16

U.S.S.N.:

Title:

Not Yet Assigned

Network Management for Replication of Data Stored in a Data

Storage Environment

Filing Date:

December 11, 2001 / Docket No.: EMC-01-201

Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634) Express Mail Mailing Label No. ET832199134US

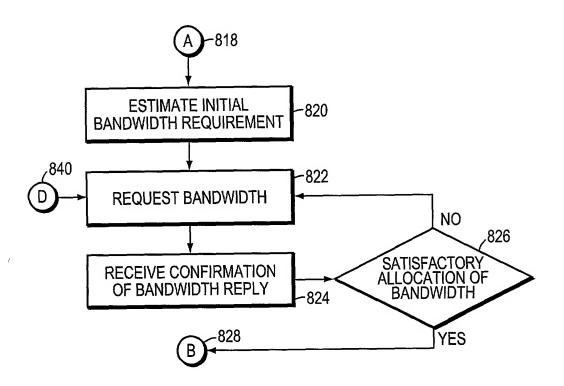


FIG. 17

Not Yet Assigned

Network Management for Replication of Data Stored in a Data

Filing Date: December 11, 2001 / Docket No.: EMC-01-201
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. ET832199134US

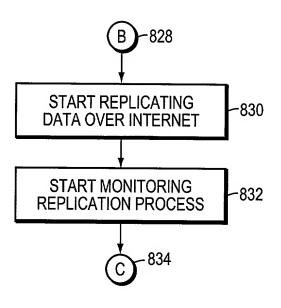


FIG. 18

Not Yet Assigned

Network Management for Replication of Data Stored in a Data

Storage Environment

Filing Date: December, 11, 2001 / Docket No.: EMC-01-201 Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634) Express Mail Mailing Label No. ET832199134US

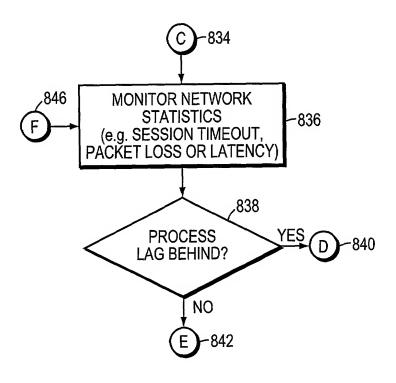


FIG. 19

Not Yet Assigned Network Management for Replication of Data Stored in a Data

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Storage Environment
December 11, 2001 / Docket No.: EMC-01-201

Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
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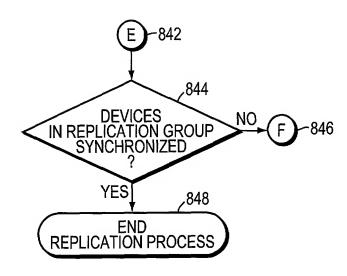


FIG. 20